

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005972**Date Inspected:** 25-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Shi Lei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG & Tower**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 2-

This QA Inspector observed the following work in progress: FCAW welding of weld joints 011, 016, 026, 036 located on OBG Floor Beam FB062-001. ZPMC welder was identified as 045260. ZPMC QC is identified as Shi Lei. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2231-TC-U4b-F.

QA Inspector observed the following work in progress: SMAW welding of weld joints SSD36-PP-9.5-126 and SSD36A-PP 9.5-126 located on OBG Segment 1AW. ZPMC welder was identified as 045246. ZPMC QC is identified as Wu Ming Kai. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-4113-1.

Bay 5-

QA Inspector observed the following work in progress: SAW welding of weld joint 002 located on OBG CB202D-006. ZPMC welder was identified as 0215248. ZPMC QC is identified as Li Yang. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-L2C-S-2.

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Bay 7-

QA Inspector observed the following work in progress: SMAW tack welding of weld joints 017, 018, 019, 020 located OBG Side Plate SP167-001 . ZPMC welder was identified as 201725. ZPMC QC is identified as Wu Zhi Feng. The welding appeared to be in conformance with welding procedure specification, WPS-B-P-2112.

Bay 11-

QA Inspector observed the following work in progress: SMAW welding of weld joints 078 and 080 located on WSD1-A467-18M-3. ZPMC welders were identified as 040450 and 053671. ZPMC QC is identified as Wu Ming Kai. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-4113-1.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversations occurred between QC and QA on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150 0042 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
